

STEM Education Service Learning in Nanjing, China study abroad - STEM service learning in a global context. With the Jiangsu Second Normal University (JSSNU) in Nanjing, China, we will offer a suite of courses in which undergraduate and graduate students will learn to work in meaningful and personally relevant service activities while building and strengthening their relationship with a K-12 rural school and community near Nanjing, China, Jiangsu Province.

Some of the places you will go



Xuanwu Gate



Nanjing Wall



Nanjing Memorial Museum



Confucius Temple

Dates: May 15 to June 11, 2017.

Estimated cost: (tuition and fees, hotel, meals, local transportation, *not including flight*) - \$4750

Course number: SA10805

Things you will learn and do in the 2017 program

- Contribute to a service project that meets the expressed needs of teachers in a rural school in the Jiangsu Province
- Learn how to plan and implement culturally-relevant STEM lessons, integrating concepts of science, mathematics, and engineering design for K-12 classroom instruction
- Build knowledge of the nature of STEM teaching and learning in China
- Get to know students and teachers in a Chinese elementary classroom
- Work side-by-side with teachers from a rural school in China and JSSNU faculty or staff to adapt STEM lessons for the rural teachers' classrooms
- Engage Chinese students with interactive STEM activities targeting fundamental concepts of science, mathematics, and engineering design
- Learn about Chinese culture, Nanjing's place in the history of China, and the nature of the Chinese language
- Enhance your intercultural knowledge and appreciation of different cultures, ideas, traditions, and perspectives

Courses for undergraduate students

Course	Cr.	Description
Global Studies Seminar (EDCI 49100)	1 cr.	Students will develop an understanding of the complexity and interconnectedness of individuals, groups, and social structures; an appreciation of different ideas, cultures, and perspectives that influence global phenomena
China: History, Culture, Language, and Education (EDCI 49000)	1 cr.	Students will be introduced to basic conversational Chinese, Chinese culture, major events in Nanjing history, political organization, and education system
Introduction to K-12 STEM teaching and learning (EDCI 49000)	2 cr.	Students will be introduced to the nature of K-12 learners; basic tenets of how students learn; how to plan and structure engaging, interactive science lessons
Service Learning (PHYS 29500)	3 cr.	Students will complete a STEM service project including development, implementation, daily reflection, final paper

Courses for graduate students

Course	Cr.	Description
Global Studies Seminar (EDCI 59100)	1 cr.	Students will develop an understanding of the complexity and interconnectedness of individuals, groups, and social structures; an appreciation of different ideas, cultures, and perspectives that influence global phenomena
China: History, Culture, Language, and Education (EDCI 59000: Individual Research Problem)	1-3 cr.	Students will be introduced to basic conversational Chinese, Chinese culture, major events in Nanjing history, political organization, and education system
Instructional Design in Physical Science: Service Learning (PHYS 59500)	1-3 cr.	Students will be introduced to the nature of K-12 learners; basic tenets of how students learn; how to plan and structure engaging, interactive science lessons AND Students will complete a STEM service project including development, implementation, daily reflection, final paper

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